

October 30, 1985

TO: File

FROM: D. Wayne Hedberg, Permit Supervisor/Reclamation  
Hydrologist

RE: Kennecott Corporation, Bingham Canyon Mine,  
ACT/035/002, Salt Lake County, Utah

Division field representatives, Dave Hooper, Dave Wham, Lynn Kunzler, Jim Leatherwood, Kathy Mutz and Wayne Hedberg, met with Al Trbovich, Kennecott Corporation, on October 25, 1985, to perform a field inspection of a proposed modification to the Kennecott facilities. The field trip originated at Division offices and proceeded to the head of Barney's Canyon for an overview of a portion of the operations proposed. The first stop at the mouth of Barney's Canyon presented an overview of the proposed location for the new concentrator and the corridor for the coarse ore conveyor and new slurry line. The corridor for the proposed conveyor will traverse northeasterly down from the active Bingham pit to the new concentrator location. From there a new 48 inch pipeline will transport slurry northward from the concentration to the tailings ponds. Two pictures were taken at this first stop at the mouth of Barney's Canyon.

The second stop was at the approximate location for the coarse ore stockpile which will be situated approximately 100 yards west of the concentrator. Also, directly above and west of this stockpile will be a 5.6 million gallon return mine water reservoir. It will be concrete lined. Mr. Trbovich stated that the surface drainage will be graded to the south in this area towards Barney's Wash away from Barney's Canyon. Approximately four to five pictures were taken at this site. Currently, there are two Copperton wells approximately a mile (east) below the proposed concentrator location. Mr. Trbovich stated that additional ground water observation wells were likely for this area.

The third stop was just west of the town of Copperton. This is the approximate location where the conveyor line will exit the pit via the existing train tunnel and cross the main paved highway leading west from Copperton. From here the conveyor will proceed to the new concentrating plant and processing facilities. Three pictures were taken at this location.

Access to Harkers Canyon and Coon Canyon was restricted which prohibited the staff members from visiting the specific areas proposed for the pipeline corridor crossing.

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The next area to be visited was the Magna and Bonneville concentrating facilities. These facilities are located in Little Valley which overlooks the tailings ponds areas to the northeast. This area is just to the north of the town of Magna. The intent was to review the existing design of the tailing slurry lines and return water lines located in this area. These concrete pipelines and associated energy dissipating drop structures are very similar to those proposed in the new permit application under review. Approximately five pictures were taken in this area.

Following the onsite inspection of these facilities, the field trip was terminated. The possibility of scheduling another field visit was discussed with Mr. Trbovich. By so doing, the Division would have the opportunity to oversee a larger portion of Kennecott's extensive mine related disturbances and associated facilities. Mr. Trbovich stated that he did not anticipate any problems with this request and that he would check with the company officials for the proper clearances and to arrange a possible helicopter flyover of the entire operation at a future date.

Mr. Trbovich also stated that he would be sending a formal transmittal letter and reclamation plan supplement to our offices in the immediate future to accompany the plans received on October 16, 1985.

btb

cc: Alan Trbovich  
Lowell Braxton  
Dave Hooper  
Dave Wham  
Jim Leatherwood  
Lynn Kunzler  
Kathy Mutz

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